

SISTEMA "LOADRITE" DE PESAGEM DE CARGA



A CNH TESTOU, APROVOU E HOMOLOGOU.

E agora a CNH coloca à disposição de seus clientes de pás-carregadeiras este excelente opcional para a otimização dos seus lucros e redução dos seus custos.

O sistema "LOADRITE", há mais de 12 anos no Brasil, está sempre na vanguarda da tecnologia de pesagem embarcada de cargas (on-board weighing), contribuindo para uma eficiente administração de transporte de materiais a granel.

Este sistema foi projetado para coletar, analisar e apresentar informações geradas diretamente na sua máquina.

Com estas informações, você administra seu negócio com mais eficiência e maior lucratividade.

O sistema "Loadrite" permite pesagem com precisão de um por cento, o que significa que cada carreta ou vagão é carregado dentro de seu limite legal e/ou técnico, eliminando-se assim as multas por excesso de cargas, taxas de pesagem e danos ao veículo por excesso de peso.

Procure o seu fornecedor CNH (ou a MAREPRESS a distribuidora da "LOADRITE" no Brasil: 31 3371 4334)

marpress

www.marpressbrasil.com.br

CNH

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SISTEMA DE PESAGEM E INFORMAÇÃO PARA PÁS-CARREGADEIRAS



Express



Impressora



MMS

KOMATSU®

ONBOARD WEIGHING AND PAYLOAD INFORMATION SYSTEMS FOR KOMATSU WHEEL LOADERS

WA150-5 WA400-5
WA200-5 WA450-5
WA250-5 WA480-5
WA320-5 WA500-3
WA380-5 WA600-3

LOADRITE



LOADRITE FOR KOMATSU
WHEEL LOADERS

Increase Loader Productivity and Overall Profitability

Stop loading by guesswork and increase your profits with accurate payload information directly from your Komatsu loader. Komatsu now offers the Loadrite Onboard-Weighing and Payload Information Systems to increase loader productivity and your overall profitability.

No more trucks leaving your yard with less than a full load and no more money wasted by sending a truck back from the scale house to adjust its load.

Loadrite Material Management System

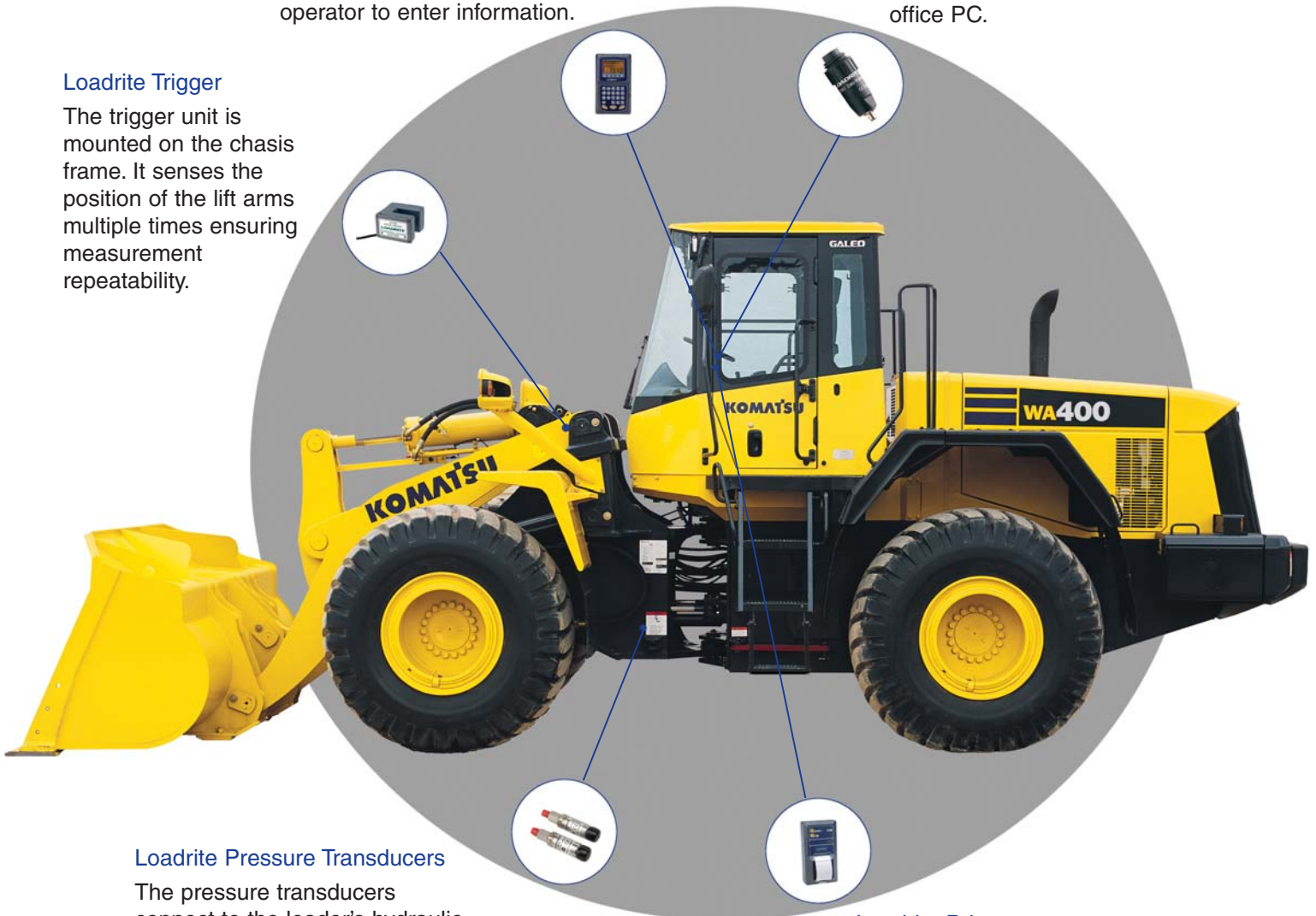
The data module attaches to the console, keeping track of the loading function. The stored data can be manually downloaded into the Loadrite MMS database on your office PC.

Loadrite Console

The console mounts in the loader cab. It displays the lifted weight and allows the operator to enter information.

Loadrite Trigger

The trigger unit is mounted on the chasis frame. It senses the position of the lift arms multiple times ensuring measurement repeatability.



Loadrite Pressure Transducers

The pressure transducers connect to the loader's hydraulic system. They sense the hydraulic pressure in the lift cylinders as the load is lifted.

Loadrite Printer

The printer is mounted in the loader cab. It provides a paper record of the weight of material loaded and other data such as the customer, truck, etc.

Choice of Systems to Meet Your Applications

Loadrite Pro

The Loadrite Pro is ideal for situations where weight accuracy is paramount. It is also suitable in environments where high value products are loaded or products are mixed together before being dispatched. With other products on the market, loader movement can prevent an accurate reading.

The Loadrite Pro is so smart, it can sense a bad lift and advise the operator to perform the lift again—not quite talking back to you, but almost.



Install a Loadrite Pro and increase profitability by:

- Weighing on the move
- Loading your trucks accurately the first time
- Eliminating costly overload fines
- Reducing wear and tear on equipment
- Minimizing lost product from overloading
- Eliminating weighbridge turnarounds
- Better stock control

Loadrite Force

If you only require basic weighing features but still want the accuracy of the Loadrite Onboard Weighing systems, then the Loadrite Force is the product for you. The Loadrite Force—a high performance weighing system with fewer functions for ease of use.



Install a Loadrite Force and increase productivity by:

- Weighing on the move
- Reducing operator training time with simple-to-use features so operators can train on the job
- Loading ready for the road the first time
- Avoiding the need for vehicles to dump-off at the legal truck scale
- Loading more trucks per shift and per day

Product System Chart

PHYSICAL	PRO	FORCE	ADVANCED FEATURES	PRO	FORCE
LCD display with backlight	Yes	Yes	Target mode weighing	Yes	Yes
Keys with backlighting	22	11	Batch mode weighing	Yes	No
BASIC FEATURES	PRO	FORCE	Blend mode weighing	Yes	No
Operator friendly and simple to use	Yes	Yes	Tare mode	Yes	No
Weighing (multiple points) on the move	Yes	Yes	Static weighing	Yes	No
Totals (adding and clearing)	Yes (30)	Yes (1)	Dynamic final bucket load adjustments (tip-off)	Yes	Yes
Long product totals	Yes	Yes (1)	Volume conversion toggle	Yes	No
Zeroing	Yes	Yes	Multiple scales	2	2
Recall, subtract	Yes	Yes	User data fields	5	No
Time/Date	Yes	Yes	Internal daily summary report printing	Yes	No
Standby	Yes	Yes	Split weighing of truck and trailer	Yes	Yes
Auto add mode	Yes	Yes	Mix mode weighing	Yes	No
Remote add mode	Yes	Optional	Auto target by truck ID number	Yes	No
MMS support	Yes	No	Auto tare by truck ID number	Yes	No
Printer support	Yes	Yes	Multiple print	Yes	No
			Reprint last docket	Yes	No
			Data field memory	5/250	No
			Data field alphanumeric sorting	Yes	No
			Overload error alarm	Yes	Yes
			Over target error alarm	Yes	Yes
			Language conversion toggle	1 button	Menu function
			Weight units toggle	Yes	No
			Self test	Yes	Yes
			Alarm clock	Yes	No

Specifications

Loadrite Pro and Force Console:

Power Requirements	Supply Voltage: 12 to 32 VDC (ie. designed to operate on 12 or 24 volt systems). Automotive power supply transient suppression exceeds SAE specifications. Supply Current: 160 mA typical, 350 mA max, 3A max with printer. Calibration and Data Back Up: Data is stored in a permanent memory and is not affected when the main power is turned off.
Display/Keyboard	Display LCD: 2 lines of 8 characters, used to display operator messages, and prompts to enter product data, etc. Large, highly visible, 5 digit numeric, to display shows lifted weight and totals. Keyboard: Alphanumeric. Waterproof tactile membrane. Adjustable back-light.
Physical	Dimensions: W145 x L240 x D100 mm 5.7 x 9.4 x 3.9 in. Weight: 1.6 kg 3.5 lb. Pressure Transducer: Stainless steel, water and dust protected to IP67 standard. Indicator and Trigger Device: Water and dust protected to IP54 standard. Vibration: Qualified to MIL-STD-810D.
Environmental	Operating Temperature: -10°C to +50°C 14°F to 122°F. Storage Temperature: -30°C to +80°C 22°F to 176°F Protection: Water and dust protected to IP54 standard. Operating and Storage Pressure for Transducer and Trigger: 30°C to +70°C -22°F to 158°F. Humidity: 20% to 95% relative humidity.

Loadrite MMS:

Memory Capacity	250 KB (4,000 to 12,000 lifts depending on configuration of weigh indicator).
Ambient Temperature	Operating Temperature: -10°C to +50°C 14°F to 122°F. Storage Temperature: -30°C to +70°C 22°F to 176°F
Protection	Water and dust protected to IP68.
Computer	Minimum requirements for running Loadrite MMS Software: Pentium 166 running at 400 MHz; Windows 98 2nd Edition, Windows 2000, Windows Me, Windows XP or greater; 50 MB free hard disk space (more may be required if database becomes large); 128 MB RAM; Available COM port or USB port with approved USB-to-RS232 (not included); CD-ROM drive (for installation); Internet Protocol (TCP/IP) installed - typically already installed if the PC is on an Ethernet network or has a connection to the internet.

Loadrite Printer:

Power Requirements	Supply Voltage: 11.2 to 32 VDC. Automotive power supply transient suppression exceeds relevant SAE specifications. Supply Current (when printing): 0.4 A typical, 2 max @ 24 VDC 0.75 typical, 3.0 A max @ 12 VDC. Stand-by current: 50 mA.
Physical	Dimensions: W120 x L240 x D135 mm 4.7 x 9.4 x 5.3 in. including bracket; Case: Injection molded polycarbonate alloy; Keypad: Rugged membrane keyboard; Indicator Lamps: LED type. Online. Out of paper and ready; Buttons: On front panel—On/Off Line, Paper Feed, Test Print Functionality.
Environmental	Operating Temperature: -10°C to +50°C 14°F to 122°F. Humidity: 20 to 90% relative humidity. Protection: Water and dust protected to IP32. Method: Dot matrix impact on plain paper, inking by autofeed, replaceable ribbon cassette.
Printing	Paper: Plain calculator paper 57 mm 2.2 in. wide up to 57 mm 2.2 in. roll diameter. Optional 2 layer NCR paper for duplicate copy. Print Format: 24 character columns, 1.7 x 2.7 mm 5 x 8 dot matrix characters. Test Print: All alphanumeric ASCII characters are printed. Print Speed: 1.7 lines/sec typical. Paper feed 4 lines/sec typical.

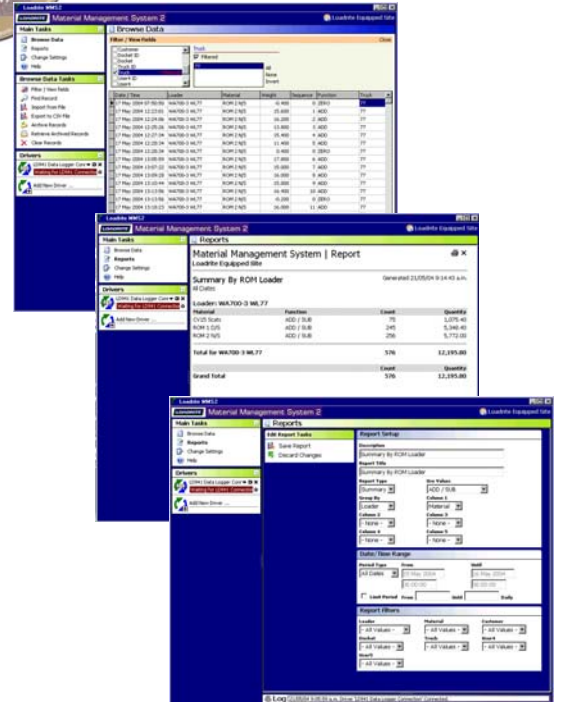
Loadrite Trigger:

		Optical Trigger		Rotary Trigger
Accuracy: Number of weight measurements per lift	+	3 per lift	+	4 per lift
Function	+	Best for tip off work	+	Best for tip off work
Environment	—	Some influence by ice, dust debris	+	No influence
Breakage	—	More susceptible to breakage from falling objects	+	Protected by loader arm
Reliability	+	No moving parts	—	Some wear due to mechanical movement
Flexibility	+	Customer can change	—	Requires Loadrite Distributor

Manage Your Productivity

With the Loadrite Material Management System Software (MMS) installed on your office computer, you can turn your Loadrite Pro Onboard Weighing System into a sophisticated production management tool. Loadrite MMS data module allows you to gather load data from your Loadrite Pro system and transfer it across your site in a secure, paperless manner.

You can also generate customized reports based on loader, product, date, time, or any other combination of parameters stored in the database. What's more, you can transfer data into spreadsheet packages for further analysis and generation of charts or graphs.



Loadrite MMS helps you:

- Manage product inventory
- Identify peak loading patterns to improve your business systems
- Eliminate the need to enter data or process transactions manually
- Improve your customer billing processes
- Confirm the accuracy of information originating from other sources in your plant such as weighbridges or production machinery

Get a Paper Proof of Each Load

Add a Loadrite Printer to your Loadrite Weighing system and get a hard copy proof of each load. The Loadrite Printer is a direct plug-in accessory for the Pro or Force Onboard Weighing Systems. It delivers time-stamped and dated hard copies of weighing information, including each bucket load and the total load. The printer is robust and reliable, with proven performance in extreme environments around the world.



Add a Loadrite Printer to your Loadrite Onboard Weighing System to:

- Give you a better understanding of your operation
- Gain and maintain control of your inventory
- Use the printed information to track business productivity

Print-out details include:

- Company name
- Time and date
- Machine identification
- Identifications codes, such as:
 - customer
 - site location
 - truck/docket number
- Product identification
- Weight units (kg, tonne, lbs, ton)
- Individual lifted weights
- Individual product totals
- Shift, daily or weekly accumulated totals
- Single or multiple copy paper

We've Got You Covered!

Komatsu chose the Loadrite Onboard Weighing System for Komatsu Loaders because we know how important time is to your profitability. Purchasing the Loadrite System through Komatsu not only provides the service and support expertise of the Komatsu distributor organization, but also the extensive Loadrite distributor network. A local Loadrite distributor will install your system and calibrate it at your location to make sure it is weighing your materials in your application. Your operators will also be trained on-site.

Canadian Distribution



U.S. Distribution



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